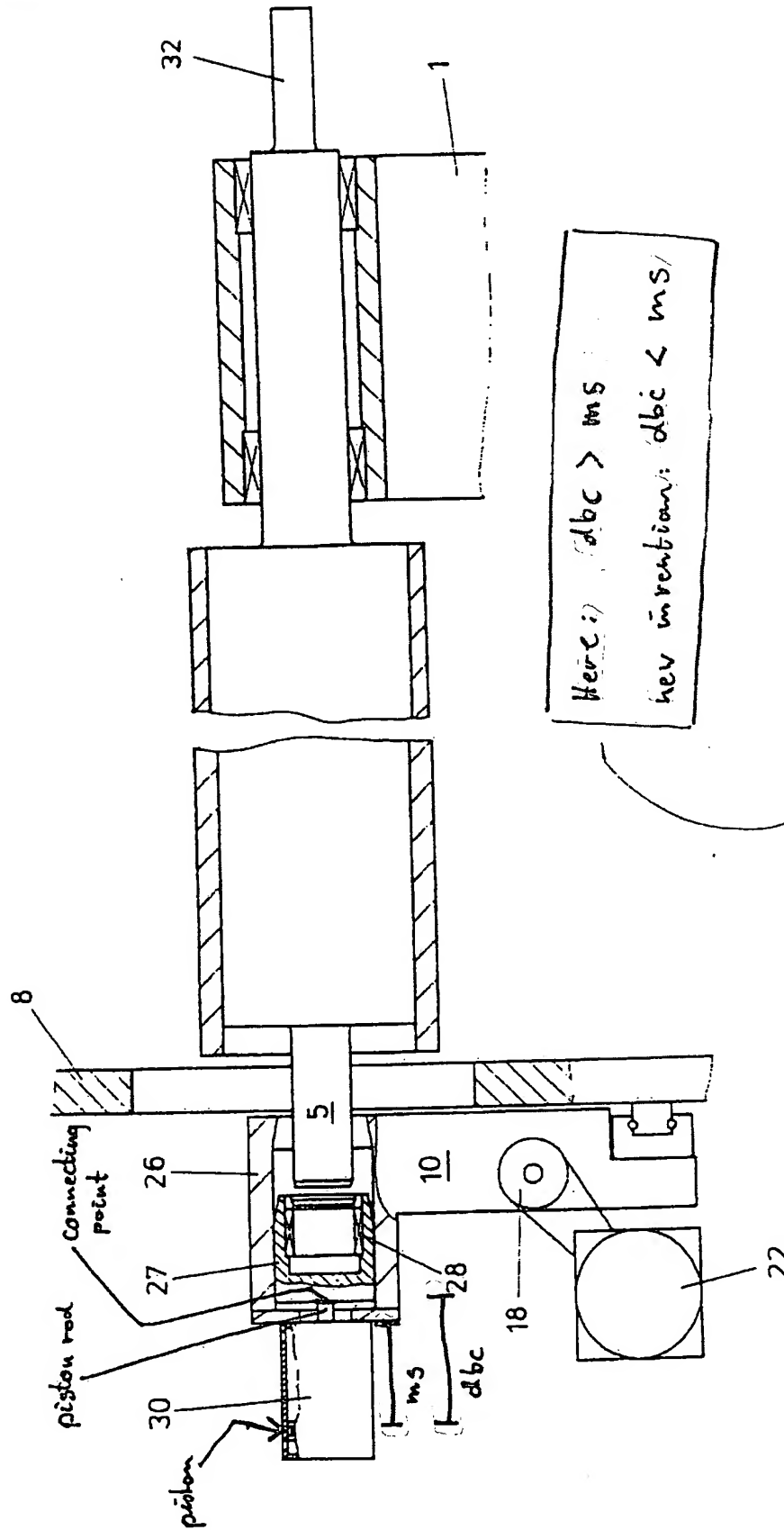


Figure 2



piston = boundary surface
 connecting point = back surface of 27
 $ms \hat{=}$ maximum stroke of the piston
 $dbc \hat{=}$ distance between the boundary surface and the connecting point